

REMARKS

Replacement sheets of drawings are enclosed which address all of the Examiner's drawings objections. The typographical error on page 5 line 17 has been corrected.

Claims 1 to 21 are deleted. Accordingly, the objections and clarity rejections to those claims are rendered moot.

New claims 22 to 28 have been inserted, keeping in mind 35 USC section 112. With regard to the rejections of 35 USC section 102(e), new claims 22 to 28 clearly distinguish over the cited art. In particular, neither Jacobson alone nor Jacobson in view of Whetsel discloses the features of claim 22 of "performing delay measurements of an integrated circuit having a scan chain for boundary scan testability, where the method comprises the steps of:

entering a delay measurement mode;

applying a test data signal to a test data input for boundary scan testability; and

performing the delay measurement at a separate delay chain output port which is the output of a local combinational path from the end of the scan chain and which is additional to the test data output port for boundary scan testability to determine the performance of the integrated circuit, the combinational local path does not interfere with the operation of the scan chain due to the delay chain output being kept in a tristate condition or by pulling the data input pin to operating voltage.

On the contrary, Whetsel teaches real time observation, rather than delay measurements, of selected nodes, i.e. particular scan cells, within a scan chain, see its Figure 13 and column 5, lines 26 to 38.

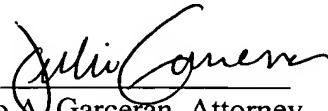
With regard to Jacobson, as indicated by the Examiner, Jacobson does not, for example, disclose a separate delay chain output port (DCO).

In view of the above, Applicant respectfully requests reconsideration and allowance. In the event of any fees inadvertently omitted or any improper payment of fees, the Commissioner is hereby authorized to charge or credit Lucent Technologies Deposit Account No.12-2325 to correct the error now or during the pendency of this application.

If the Examiner has any questions or feels that a telephone conversation would be helpful, please contact Julio Garceran at (908) 582-7294.

Respectfully submitted,

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